

Abstract:

Method and Device for Transporting a Nonwoven Material between Two Separated Rollers

A not-yet-bonded or only slightly bonded nonwoven staple fiber material cannot be delivered from the nip of a calendar roller pair to a following endless conveyor without support during transport. To provide this support, the invention provides for a supporting rotating element such as an endless conveyor or perforated drum, either of which is designed to be permeated by air from below flowing toward the element. This feature simultaneously achieves a cooling effect.

Figure 3.

20240523 10:43:00